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(Amended Claims under Article 19)

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Title: SOFTWARE PROVIDING METHOD, SOFTWARE PROVIDING
SYSTEM, TERMINAL APPARATUS, AND SOFTWARE
OBTAINING METHOD

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Claims amended according to PCT Article 19

What is claimed is:

1. **(Amended)** A software providing method for a system of
which a broadcasting station broadcasts a program along with
authentication information with which each user is
authenticated for a viewing license and a user terminal that
is authorized of the viewing license with the authentication
information that enables to have the user view the program,
the method comprising the steps of:

causing the broadcasting station to broadcast
software that the user terminal needs to download along with
the authentication information of the user; and

causing the user terminal to receive a broadcast along
with the software and the authentication information,
authorize a download license of the software with the
received authentication information and download the
software when the download license is authorized with the
authentication information.

2. The software providing method as set forth in claim
1,

wherein the software is at least one of application
software, an upgraded file of an operating system, and an
upgraded file of firmware of the terminal.

3. The software providing method as set forth in claim
1,

wherein the broadcasting station broadcasts the
software so that the user terminal can download the software

without the authentication information when the broadcasting station provides free software.

4.   The software providing method as set forth in claim 1,

5   wherein the broadcasting station broadcasts the software that the user terminal needs to download along with the authentication information of the user and information about an address of a software provider, and

          wherein the user terminal determines whether the
10   broadcasting station has broadcast the program along with the information of the address of the software provider and when the determined result denotes that broadcasting station has broadcast the program along with the information of the address of the software provider, the user terminal
15   transmits predetermined information to the address of the software provider.

5.   The software providing method as set forth in claim 4,

          wherein the information of the address of the software
20   provider is information about a dial number of a cellular phone or a network address.

6.   The software providing method as set forth in claim 4,

          wherein the predetermined information includes at
25   least a piece of information about a storage capacity for the software that is downloaded and stored, information about a version of the software, information about an

operation state of the software that has been downloaded, and information about user's satisfaction for the software that has been downloaded.

7. **(Amended)** A software providing method for a system of which a broadcasting station broadcasts a program along with authentication information with which each user is authenticated for a viewing license and a user terminal that is authorized of the viewing license with the authentication information that enables to have the user view the program, the method comprising the steps of:

causing the broadcasting station to broadcast the authentication information of the user that needs to load the software or data; and

causing the user terminal to receive a broadcast along with the authentication information, authorize a load license of the software with the received authentication information and load the software or data from a server that stores the software or data to use the software or data when the load license is authorized with the authentication information.

8. **(Amended)** A software providing method for a system of which a broadcasting station broadcasts a program along with authentication information with which each user is authenticated for a viewing license and a user terminal that is authorized of the viewing license with the authentication information that enables to have the user view the program, the method comprising the steps of:

causing the broadcasting station to broadcast the authentication information of the user that needs to load the software or data;

causing the user terminal to receive a broadcast along with the authentication information and authorize a load license of the software with the received authentication information; and

causing an information device connected to the user terminal load the software or data from a server that stores the software or data and store the software or data to a storage device of the information device when the load license is authorized with the authentication information.

9. **(Amended)** A software providing method for a system of which a broadcasting station broadcasts a program along with authentication information with which each user is authenticated for a viewing license and a user terminal that is authorized of the viewing license with the authentication information that enables to have the user view the program, the method comprising the steps of:

causing the broadcasting station to broadcast the authentication information of the user that needs to load the software or data; and

causing the user terminal to receive a broadcast along with the authentication information, authorize a load license of the software with the received authentication information, and causing the user terminal to load the software or data from a removable medium that stores the

software or data when the load license is authorized with the authentication information so that the user terminal can use the software or data.

10. **(Amended)** A software providing method for a system of which a broadcasting station broadcasts a program along with authentication information with which each user is authenticated for a viewing license and a user terminal that is authorized of the viewing license with the authentication information that enables to have the user view the program, the method comprising the steps of:

causing the broadcasting station to broadcast the authentication information of the user that needs to load the software or data;

causing the user terminal to receive a broadcast along with the authentication information and authorize a load license of the software with the received authentication information; and

causing an information device connected to the user terminal to load the software or data from a removable medium that stores the software or data when the load license is authorized with the authentication information and store the software or data to a storage device of the information device.

11. **(Amended)** A software providing system of which a broadcasting station broadcasts a program along with authentication information with which each user is authenticated for a viewing license and a user terminal that

is authorized of the viewing license with the authentication information that enables to have the user view the program.

wherein the broadcasting station comprises:

broadcasting means for broadcasting software that the user terminal needs to download along with the authentication information of the user, and

wherein the user terminal comprises:

receiving means for receiving a broadcast program along with the software and the authentication information;

authorizing means for authorizing a download license of the received software with the authentication information; and

downloading means for downloading the software when the download license is authorized with the authentication information.

12. The software providing system as set forth in claim 11,

wherein the software is at least one of application software, an upgraded file of an operating system, and an upgraded file of firmware of the terminal.

13. The software providing system as set forth in claim 11,

wherein the broadcasting station further comprises:

means for broadcasting the software so that the user terminal can download the software without the authentication information when the broadcasting station provides free software.

14. The software providing system as set forth in claim 11,

wherein the broadcasting means broadcasts the software that the user terminal needs to download along with the authentication information of the user and information about an address of a software provider, and

wherein the user terminal further comprises:

judging means for judging whether the program has been broadcast along with the information of the address of the software provider, and

transmitting means transmits predetermined information to the address of the software provider when the determined result denotes that the program has been broadcast along with the information of the address of the software provider.

15. The software providing system as set forth in claim 14,

wherein the information of the address of the software provider is information about a dial number of a cellular phone or a network address.

16. The software providing system as set forth in claim 14,

wherein the predetermined information includes at least a piece of information about a storage capacity for the software that is downloaded and stored, information about a version of the software, information about an operation state of the software that has been downloaded,

and information about user's satisfaction for the software
that has been downloaded.

17. **(Amended)** A terminal apparatus that receives a program
along with authentication information with which each user
is authenticated for a viewing license from a broadcasting
station and capable of reproducing the program when the
viewing license is authorized with the authentication
information, comprising:

storing means for pre-storing the authentication
information;

receiving means for receiving a broadcast along with
software and the authentication information from the
broadcasting station;

authorizing means for authorizing the download
license by collating the authentication information stored
in the storing means with the authentication information
received by the receiving means; and

downloading means for downloading the software
received by the receiving means when the download license
is authorized by the authorizing means.

18. The terminal apparatus as set forth in claim 17,
wherein the software is at least one of application
software, an upgraded file of an operating system, and an
upgraded file of firmware of the terminal apparatus.

19. The terminal apparatus as set forth in claim 17,
wherein the receiving means receives the broadcast
program along with the software, the authentication

information, and information about an address of a software

provider, and

wherein the terminal apparatus further comprises:

judging means for judging the broadcast program has

5   been received along with the information about the address

of the software provider; and

transmitting means for transmitting predetermined

information to the address of the software provider when

the determined result denotes that the broadcast program

10   has been received along with the information about the

address of the software provider.

20.   The terminal apparatus as set forth in claim 19,

wherein the information of the address of the software

provider is information about a dial number of a cellular

15   phone or a network address.

21.   The terminal apparatus as set forth in claim 14,

wherein the predetermined information includes at

least a piece of information about a storage capacity for

the software that is downloaded and stored, information

20   about a version of the software, information about an

operation state of the software that has been downloaded,

and information about user's satisfaction for the software

that has been downloaded.

22. (Amended) A terminal apparatus that receives a program

25   along with authentication information with which each user

is authenticated for a viewing license from a broadcasting

station and capable of reproducing the program when the

viewing license is authorized with the authentication
information, comprising:

storing means for pre-storing the authentication
information;

5   receiving means for receiving a broadcast along with
the authentication information from the broadcasting
station;

authorizing means for authorizing the download
license by collating the authentication information stored
10   in the storing means with the authentication information
received by the receiving means; and

loading means for loading software or data from a
server that stores the software or data when the download
license is authorized by the authorizing means.

15   23. **(Amended)** A terminal apparatus that receives a program
along with authentication information with which each user
is authenticated for a viewing license from a broadcasting
station and capable of reproducing the program when the
viewing license is authorized with the authentication
20   information, comprising:

storing means for pre-storing the authentication
information;

receiving means for receiving a broadcast along with
the authentication information from the broadcasting
25   station;

authorizing means for authorizing the download
license by collating the authentication information stored

in the storing means with the authentication information
received by the receiving means; and

loading means for loading software or data from a
removable medium that stores the software or data when the
load license is authorized with the authentication
information.

24. **(Amended)** A method of obtaining software with a terminal
apparatus that receives a program along with authentication
information with which each user is authenticated for a
viewing license from a broadcasting station and capable of
reproducing the program when the viewing license is
authorized with the authentication information, the method
comprising the steps of:

pre-storing the authentication information;

receiving a broadcast along with software and the
authentication information from the broadcasting station;

authorizing a download license of the software or data
by collating the stored authentication information with the
received authentication information; and

downloading the software or data when the download
license is authorized.

25. **(Amended)** A method of obtaining software with a terminal
apparatus that receives a program along with authentication
information with which each user is authenticated for a
viewing license from a broadcasting station and capable of
reproducing the program when the viewing license is
authorized with the authentication information, the method

comprising the steps of:

pre-storing the authentication information;

receiving a broadcast along with the authentication information from the broadcasting station;

5 authorizing a download license of the software or data by collating the stored authentication information with the received authentication information; and

loading the software or data from a server that stores the software or data when the download license is authorized.

10 26. **(Amended)** A method of obtaining software with a terminal apparatus that receives a program along with authentication information with which each user is authenticated for a viewing license from a broadcasting station and capable of reproducing the program when the viewing license is

15 authorized with the authentication information, the method comprising the steps of:

pre-storing the authentication information;

receiving a broadcast along with the authentication information from the broadcasting station;

20 authorizing a download license of the software or data by collating the stored authentication information with the received authentication information; and

loading the software or data from a removable medium that stores the software or data when the load license is

25 authorized.